

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 18601-0003002	Application No. 10/729,696
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Richard D. Borovoy and George A. Eberstadt	
		Filing Date December 5, 2003	Group Art Unit 2612
(37 CFR §1.98(b))			

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	1	4,739,328	04/1988	Koelle et al.			
	2	4,782,345	11/1988	Landt			
	3	4,786,907	11/1988	Koelle			
	4	4,816,839	03/1989	Landt			
	5	4,835,377	05/1989	Brown			
	6	4,853,705	08/1989	Landt			
	7	4,893,118	01/1990	Lewiner et al.			
	8	5,055,659	10/1991	Hendrick et al.			
	9	5,413,710	05/1995	Roberts et al.			
	10	6,222,914	04/2001	McMullin			
	11	6,657,543	12/2003	Chung			
	12	6,847,969	01/2005	Mathai et al.			
	13	7,240,022	07/2007	Bistriceanu et al.			
	14	2003/0227386	12/2003	Pulkkinen et al.			
	15	2009/0102645	04/2009	Borovoy			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	16	IrDA® Data Compliant 115.2 kb/s 3 V to 5 V Infrared Transceiver Model Nos. HSDL-3610#007 and HSDL-3610#008 by Agilent Technologies, 28 pages
	17	Reynolds et al., "WHITE-PAPER – Multiband, Low-Cost EPC Tag Reader," published on June 1, 2002, by the Auto-ID Center, Massachusetts Institute of Technology, 77 Massachusetts Avenue, Building 3-449, Cambridge, MA 02139-4307, 26 pages
	18	Sharp specification sheet entitled "GP1S36 Photointerrupter for Detecting Tilt Direction," 5 pages
	19	PAIR Transaction History for U.S. Patent Application 11/975,948, filed on October 23, 2007

Examiner Signature	Date Considered
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	20	PAIR Transaction History for U.S. Patent Application 10/396,064, filed on March 24, 2003
	21	PAIR Transaction History for U.S. Patent Application 11/069,716, filed on February 28, 2005
	22	PAIR Transaction History for U.S. Patent Application 11/397,032, filed on March 31, 2006
	23	PAIR Transaction History for U.S. Patent Application 11/359,878, filed on February 22, 2006

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